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Substitute PTO/SB/8A (08-00)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/306,749
				Filing Date	May 7, 1999
				First Named Inventor	Meade et al.
				Group Art Unit	1655
				Examiner Name	S. Zitomer
Attorney Docket Number				A-58762-9	

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SE	A1	5,308,754	05/1994	Kankare et al.	
	A2	5,824,473	10/1998	Meade et al.	
	A3	6,153,737	11/2000	Manoharan et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Country or Patent Office	T ⁶
SE	B1	0439036	07/31/91	Hoffman-La Roche	EPO	✓
	B2	2628838	09/22/1989	Kankare	France	✓

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ⁶
SE	C1	Alsfasser, R. and van Eldik, R., "Novel Building Blocks for Biomimetic Assemblies. Synthesis, Characterization, and Spectroscopic and Electrochemical Properties of New Bidentate Ligands Derived from Lysine and Cysteine and Their Complexes with Bis(2,2'-bipyridine)ruthenium(II)," Inorg. Chem. 35:628-636 (1996)				✓
	C2	Coddington et al., "Nucleosides. XIII. Synthesis of 3'-Amino-3'-deoxy-arabinosyl-uracil via 2', 3'- Epoxy-lyxosyl Nucleosides," J. Org. Chem. 27:163-167 (1962).				✓
	C3	Conway, N.E. et al., "Site-specific attachment of labels to the DNA backbone" In Oligonucleotides and Analogues: A Practical Approach, pg. 211-239 (Eckstein, F. ed.) IRL Press, Oxford, 1991.				✓
	C4	Gait, M.J., "Oligoribonucleotide Synthesis," In Oligonucleotides and Analogues: A Practical Approach, pg. 25-48 (Eckstein, F. ed.) IRL Press, Oxford, 1991.				✓
	C5	Hwang, J-T. et al., "Synthesis of Modified Oligodeoxyribonucleotides on a Solid Phase Support via Derivatization of a Selectively Revealed 2'-Amino-2-deoxyuridine," Organic Letters 1(12):2021-2024 (1999) - Abstract				✓
	C6	Hwang, J-T. et al., "Synthesis of 2'-Modified Oligodeoxynucleotides via On-column Conjugation," J. Org. Chem. 66(2):363-369 (2001) -Abstract				✓
	C7	Kirschenheuter et al., "An Improved Synthesis of 2'-Azido-2'-Deoxyuridine," Tetrahedron Letter, 35(46) 8517-8520 (1994).				✓
	C8	Kridler, E. S. et al., Synthesis of 3' Metalated Oligonucleotides," Inorg. Chem. 40: 4002-4009 (2001)				✓
	C9	Kumar et al., "A Simple Method for Introducing -SH/COOH Group at 5'-CH end of Oligonucleotide," Nucleosides & Nucleotides, 11(5):999-1002 (1992).				✓
	C10	McGee, et al., "2'-Amino-2'-deoxyuridine via an Intramolecular Cyclization of a Trichloroacetimidate," J. Org. Chem., 61:781-785 (1996).				✓
	C11	McGee et al., "Novel Nucleosides via Intramolecular Functionalization of 2,2'-Anhydrouridine Derivatives," Tetrahedron Letters, 37(12) 1995-1998 (1996).				✓

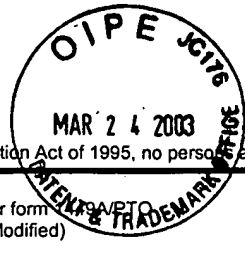
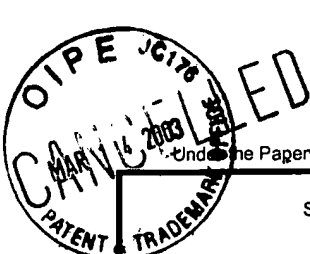
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SC	C12	Mengel, R., et al., "A Simple Synthesis of 2'-Deoxy-2'-fluorocytidine by Nucleophilic Substitution of 2,2'-Anhydrocytidine with Potassium Fluoride/Crown Ether," Angew. Chem. Intl. Ed. Engl., 17, No. 7:525 (1978).
	C13	Moffatt, J.G., "Chemical Transformations of the Sugar Moiety of Nucleosides," 1979
	C14	Sebbesta et al., "2'-Deoxy-2'-Alkoxyaminouridines: Novel 2'-Substituted Uridines prepared by Intramolecular Nucleophilic Ring Opening of 2, 2'-O-Anhydrouridines," Tetrahedron, 52(46), 14385-14402 (Nov. 1996).
	C15	Sinha, N.D. and Striepeke, S., "Oligonucleotides with reporter groups attached to the 5'-Terminus," In Oligonucleotides and Analogues: A Practical Approach, pg. 185-210 (Eckstein, F. ed.) IRL Press, Oxford, 1991.
	C16	Tsuneo, M. et al., "Coumarin-fluorescein pair as a new donor-acceptor set for fluorescence energy transfer study of DNA," Tetrahedron Letters 41(15):2605-2608 (2000)
	C17	Verheyden, J.P.H., et al., "Synthesis of Some Pyrimidine 2'-Amino-2'-deoxynucleosides," J. Org. Chem. 36(2):250-254 (1971).
	C18	Yu, et al., "2' Ribose Ferrocene Oligonucleotides for Electronic Detection of Nucleic Acids," J. Org. Chem 66:2937-2942 (2001)
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Examiner Signature	S. Zitomer	Date Considered	5-5-03
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